DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL
NO. P-L005

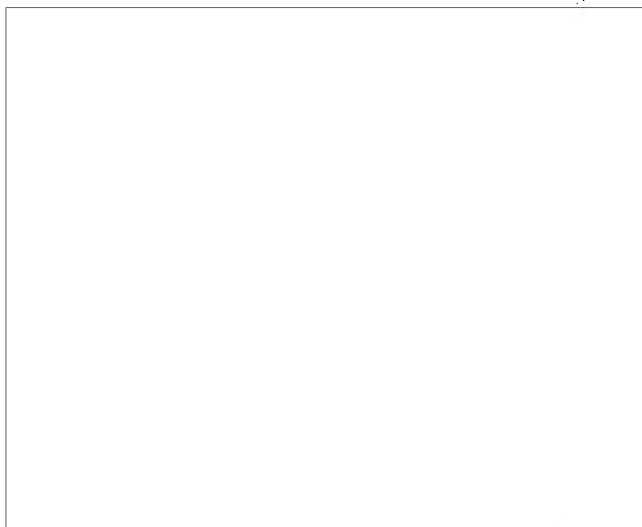APPLICATIONS SOFTWARE
13 April 1983

LIST INVENTORY

SYMBOLIC TITLE: LSTINV
PROGRAMMER:

STAT

Program LSTINV

Date 6 October 1981

APPROVALS

This operations manual has been reviewed and approved by the
following persons:

STAT

7 Dec 81
(date)

8 Dec 81
(date)

ii

Program LSTINV

Date 6 October 1981

CONTENTS

SOFTWARE SUMMARY

LIST-INV will produce listings of the 'EDT*INV' file, which is an EDRPT file. The following types of listings may be obtained: Master, Component sequence, Stock-number sequence, and Name sequence. The component sequence listing will break on component and list the totals for each component.

1

OPERATIONAL FLOW CHART

```
   ┌──────────┐              ┌──────────┐
   │ EDT*INV  │              │Card Deck │
   └──────────┘              └──────────┘
         \                        /
          \                      /
           ↘                    ↙
           ┌────────────────────┐
           │     List-INV       │
           └────────────────────┘
                     │
                     ↓
           ┌────────────────────┐
           │     Form 143       │
           └────────────────────┘
```
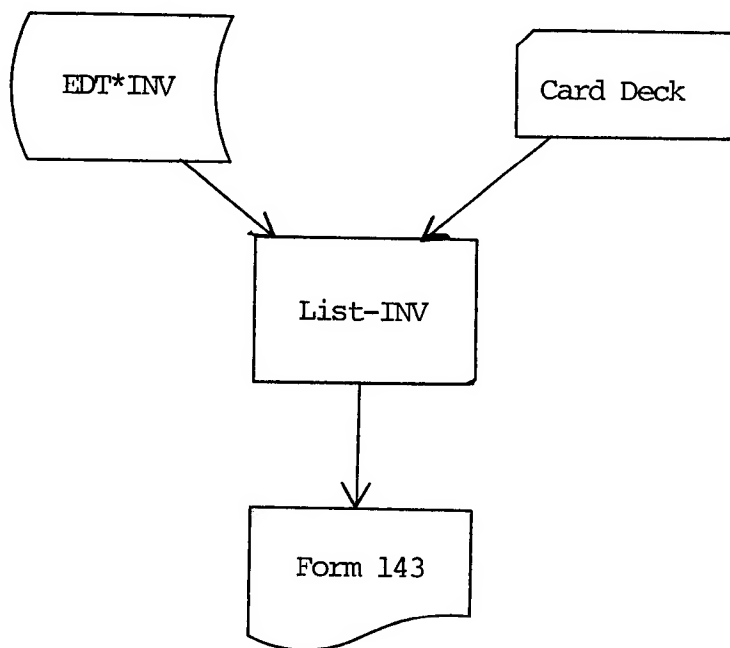
INPUT AND OUTPUT DESCRIPTION

INPUT DATA

Two data cards must be input to the program, the option card and the LAST-LINE-NUMBER card. One of the following options must be selected and punched in column 1 of the option card:

Option number	Description
1	Master Listing
2	Component Sequence
3	Stock-number sequence
4	Name sequence

The number of the last line of the file containing valid data must be punched on the LAST-LINE-NUMBER card. The line number must be five digits long, right justified and zero filled.

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Sample Card Deck

```
" "                                                                          15
" "                                                                        14
"FIN                                                                    13
   | |
"SYM  PRINT$,1,PR                                                      12
          □
04546                                                                  11
1                                                                    10
"XQT LIST-INV                                                          9
        |    |
"USE FILE-IN.,EDT*INV.                                                 8
     □ □□ □ □ □ ||  |  |
"ASG,T XA.,///900                                                      7
   □ □    □□                                                           6
"FREE EDT*INV.
   |  □□ □□  □  □
"ASG,A EDT*INV.                                                        5
  |  |  |. □□  □  |
"FREE EDT*P$ABS.                                                       4
  □ □□ □□       □□ |
"COPY,A EDT*P$ABS.LIST-INV                                             3
  □   □ □□   ||  |  |.    |
"ASG,AX EDT*P$ABS.                                                     2
  |  □  |  ||.   || |
"RUN LISINV,S33741069/MARYAD,EDT,9999,/99999                          1
      | |              |. || ||
  □ □ □  □        □ □
```

Punched Card Input

Type: Run card

Identification: @RUN

Format:

@RUN LSTINV,S33741069/MARYAD,EDT,9999,99999

```
00 0000 00    00000 00 000 00 00   0000 0000000000000000000000000000000000000000000000000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 multipunch
Label	2-4	Run
Run-ID	7-10	LSTINV
Separator	11	Comma
Account number	12-20	S33741069
Separator	21	(/) Slash
User-ID	22-27	Maryad
Separator	28	Comma
Project-ID	29-31	EDT
Separator	32	Comma
Run-time	33-36	9999
Separator	37	Comma
Pages	38-42	99999

Type: ASG Card

Identification: @ASG

Format:

"ASG,AX EDT*P$ABS.

```
00 0 0 000 00000 0000000000000000000000000000000000000000000000000000000000000000000000000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-4	ASG
Separator	5	Comma (,)
Options	6-7	AX
Filename	9-18	EDT*P$ABS.

6

Type: Copy Card

Identification: @COPY

Format:

"@COPY,A EDT*P$ABS.LIST-INV

```
0 0 0 0     0 0 0 0   0 0 0 0 0   0 0 0      0 0 0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-5	Copy
Separator	6	Comma
Option	7	A
Filename	9-18	EDT*P$ABS.
Element-name	19-26	LIST-INV

Type: FREE Card

Identification: @FREE

Format:

"FREE EDT*P$ABS.


```
0 0 0 0 0 0 0 0  0 0 0 0 0  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```


Field	Column	Comments
@	1	7/8 Multipunch
Label	2-5	FREE
Filename	7-16	EDT*P$ABS.

8

Type: ASG Card

Identification: @ASG

Format:

@ASG,A EDT*INV.

```
00 0 0000 000 00000000000000000000000000000000000000000000000000000000000000000000000000000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-4	ASG
Separator	5	Comma
Option	6	A
Filename	8-15	EDT*INV.

Type: FREE Card

Identification: @FREE

Format:

@FREE EDT*INV.

```
0 0 0 0 0 0 0 0  0 0 0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-5	FREE
Filename	7-14	EDT*INV.

10

Type: ASG card

Identification: @ASG

Format:

"@ASG,T XA.,///900"


```
0 0  0   0  0 0      0    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2  3  4 5  6 7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```


Field	Column	Comments
@	1	7/8 Multipunch
Label	2-4	ASG
Separator	5	Comma
Option	6	T
Filename	8-10	XA.
Separators	11-14	Comma, Slash, Slash Slash (,///)
Size	15-17	900

11

Type: Use card

Identification: @USE

Format:

"USE FILE-IN,,EDT*INV.

```
8    0000000000  00  000  00000000000000000000000000000000000000000000000000000000000000000000000000
1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 multipunch
Label	2-4	USE
Usename	6-13	File-in.
Separator	14	Comma
Filename	15-22	EDT*INV.

12

TYPE: XQT card

Identification: @XQT

Format:

@XQT LIST-INV

```
0  0  0 0 0   0 0 0  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-4	XQT
Element name	7-14	List-INV

13

Type: Option Card

Identification: One numeric character

Format:

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
Option	1	numeric character valid options are 1,2,3, or 4

1 = master list of the file
2 = component sequence
3 = stock number sequence
4 = name sequence

14

Type: Last Line Number

Identification: Five Numeric Characters

Format:

01443

```
00000000000000000000000000000000000000000000000000000000000000000000000000000000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
Last-Line-Number	1-5	last line of file containing good data

15

Type: SYM card

Identification: @SYM

Format

"SYM PRINT$,3,PR

```
0   0000000  0  0  80000000000000000000000000000000000000000000000000000000000000000000000000000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-4	SYM
Filename	7-12	Print$
Separator	13	Comma
No of copies	14	This is the number of copies you want of this listing.
Separator	15	Comma
Printer name	16-21	The mnenonic for the printer listing is sent to PR for printer in computer room.

16

Type: FIN card

Identification: @FIN

"FIN

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
Label	2-4	FIN

17

Type: Job Termination Card

Identification: @@

ADMIN

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Field	Column	Comments
@	1	7/8 Multipunch
@	2	7/8 Multipunch

Type: Job Termination Card

Identification: @@

⑾ ⑾

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

Field	Column	Comments
@	1	7/8 Multipunch
@	2	7/8 Multipunch

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OUTPUT DATA

Printer Output

Printer output will be the same format for all options of the program. The paper used is form 143.

Normal Run Instructions

The operator should load the card deck submitted with the request and return all listings to the requestor.

Abnormal Run Instructions

If the job fails to terminate successfully, all listings and error messages should be returned to the requestor, who should contact CSD.

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